

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/843,598

DATE: 05/11/2001

TIME: 11:29:24

Input Set : A:\01997.525002.SEQLIST.TXT

Output Set: N:\CRF3\05112001\I843598.raw

ENTERED

RAW SEQUENCE LISTING DATE: 05/11/2001
PATENT APPLICATION: US/09/843,598 TIME: 11:29:24

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160 taatcactct tggaaatcgac tccacttttgc tggaaatcgaa acgatttatc acgggattct 780
 161 gtgatgagtc gaggtttttgc tcgaaaaatc gaaaatgggtt cgtgctggtc atttgcata 840
 162 tttattactt cctcagctt cccgtatca gctatggtg tcaattcgtg atcccgttcc 900
 163 tggatgaata tggagttctt ctatcgttc tggtcattgt cacctgcgaa atgattgcag 960
 164 tctgctgggtt ttacgggtt gatcgttctt caaaagatata tcgtgcata 1020
 165 atccctggaaat ttattggaga gtctgctggaa cgtgttctcc ggtttttata agtgtgatata 1080
 166 tcattatgac tgcgtacaat agttcgttca agccaaattca aatggcttagc tacactttcc 1140
 167 cctgggtggag tggttattttgc ggttgggtcc tgagacttctt ctcagtcctc gcaattccctg 1200
 168 tcttcgcataat aatctacccgtt ctcagcggtt ccggcacact ttacgaacgc ttccgatggg 1260
 169 caataactcc tcaacaacgc cggaaattcgg cggacttctt cggcgtatcccacacacaaa 1320
 170 ttatcgatag ttctcttttgc gatccaaattc atacacttac tccagtttag 1370
 172 <210> SEQ ID NO: 5
 173 <211> LENGTH: 671
 174 <212> TYPE: PRT
 175 <213> ORGANISM: *Caenorhabditis elegans*
 177 <400> SEQUENCE: 5
 178 Met Leu Arg Trp His Ser Val Arg Arg Lys Gln His Gln Gln Leu Gln
 179 1 5 10 15
 180 Ala Glu Leu Ser Ser Gly Ala Ala Ser Met Leu Ser Ala Pro Glu Ser
 181 20 25 30
 182 Arg Arg Val Ser Arg Ser Met Ser Val Lys Ala Pro Thr Ala Ser Glu
 183 35 40 45
 184 Tyr Met Pro Leu Ser Val Ala Asp Lys Pro Leu Thr Leu Thr Val Ser
 185 50 55 60
 186 Thr Ser His Ser Ile Asp Pro Asn Glu Pro Ile Ala Ala Leu Gly Gly
 187 65 70 75 80
 188 Leu Thr Pro Thr Lys Glu Gly Arg Val Ala Ala Leu Arg Arg Arg Ser
 189 85 90 95
 190 Ser Met Val Arg Asp Lys Trp Ala Thr Lys Met Glu Phe Leu Leu Ala
 191 100 105 110
 192 Val Val Gly Tyr Ala Val Asp Leu Gly Asn Ile Trp Arg Phe Pro Ser
 193 115 120 125
 194 Val Cys Tyr Lys His Gly Gly Ala Phe Leu Ile Pro Tyr Phe Ile
 195 130 135 140
 196 Met Leu Met Ile Gly Gly Leu Pro Met Phe Tyr Met Glu Leu Val Leu
 197 145 150 155 160
 198 Gly Gln Phe His Arg Ser Gly Cys Val Ser Ile Trp Arg Lys Val Cys
 199 165 170 175
 200 Pro Leu Phe Arg Gly Ile Gly Tyr Gly Ile Cys Cys Ile Cys Thr Phe
 201 180 185 190
 202 Ile Ala Ile Phe Tyr Asn Ala Ile Ile Ala Gln Ala Val Tyr Phe Ala
 203 195 200 205
 204 Ile Val Ser Leu Ser Lys Ile Trp Asp Ser Glu Val Pro Trp Ala Ser
 205 210 215 220
 206 Cys Gly Asn Pro Trp Asn Thr Pro Arg Cys Ser Asp Asp Leu Asn Val
 207 225 230 235 240
 208 Thr Ile Ser Arg Asn Gly Thr Pro Leu Thr Thr Pro Ser Glu Glu Tyr
 209 245 250 255
 210 Tyr Leu Tyr Lys Val Leu Glu Val Gln Lys Ser Thr Gly Phe Asp Asp

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211	260	265	270													
212	Leu	Gly	Gly	Val	Lys	Thr	Ser	Met	Ala	Val	Cys	Leu	Leu	Ala	Val	Phe
213	275		280		285											
214	Ile	Met	Val	Tyr	Phe	Ala	Leu	Trp	Lys	Gly	Pro	Gln	Ser	Ser	Gly	Lys
215	290		295		300											
216	Ile	Val	Trp	Val	Thr	Ala	Thr	Ala	Pro	Tyr	Ile	Ile	Leu	Ser	Ile	Leu
217	305		310		315											320
218	Leu	Ile	Arg	Gly	Leu	Leu	Leu	Pro	Gly	Ala	Lys	Asn	Gly	Leu	Tyr	Tyr
219		325		330											335	
220	Tyr	Val	Thr	Pro	Asp	Phe	Glu	Lys	Leu	Lys	Asp	Pro	Ala	Val	Trp	Ser
221		340		345											350	
222	Ala	Ala	Ala	Thr	Gln	Ile	Phe	Phe	Ser	Leu	Gly	Pro	Gly	Phe	Gly	Val
223		355		360											365	
224	Leu	Leu	Ala	Leu	Ser	Ser	Tyr	Asn	Asp	Phe	Asn	Asn	Cys	Tyr	Arg	
225		370		375											380	
226	Asp	Ala	Val	Thr	Ile	Ser	Ile	Ile	Asn	Cys	Ala	Thr	Ser	Phe	Phe	Ser
227	385		390		395										400	
228	Gly	Cys	Val	Val	Phe	Ser	Thr	Leu	Gly	Tyr	Met	Ser	Leu	Leu	Thr	Asn
229		405		410											415	
230	Lys	Pro	Ile	Asn	Glu	Val	Val	Gly	Glu	His	Asp	Ala	Ser	Leu	Ile	Phe
231		420		425											430	
232	Ile	Val	Tyr	Pro	Gln	Ala	Leu	Ala	Thr	Met	Asp	Tyr	Ser	Cys	Phe	Trp
233		435		440											445	
234	Ser	Phe	Ile	Phe	Phe	Val	Met	Leu	Ile	Thr	Leu	Gly	Ile	Asp	Ser	Thr
235		450		455											460	
236	Phe	Ala	Gly	Ile	Glu	Ala	Phe	Ile	Thr	Gly	Phe	Cys	Asp	Glu	Ser	Arg
237	465		470		475										480	
238	Phe	Leu	Ser	Lys	Asn	Arg	Lys	Trp	Phe	Val	Leu	Val	Ile	Cys	Ile	Ile
239		485		490											495	
240	Tyr	Tyr	Phe	Leu	Ser	Phe	Pro	Ala	Ile	Ser	Tyr	Gly	Gly	Gln	Phe	Val
241		500		505											510	
242	Ile	Pro	Phe	Leu	Asp	Glu	Tyr	Gly	Val	Ser	Leu	Ser	Val	Leu	Phe	Ile
243		515		520											525	
244	Val	Thr	Cys	Glu	Met	Ile	Ala	Val	Cys	Trp	Phe	Tyr	Gly	Val	Asp	Gln
245		530		535											540	
246	Phe	Ser	Lys	Asp	Ile	Arg	Ala	Met	Leu	Gly	Phe	Tyr	Pro	Gly	Ile	Tyr
247	545		550		555										560	
248	Trp	Arg	Val	Cys	Trp	Thr	Cys	Ser	Pro	Val	Phe	Ile	Ser	Val	Ile	Phe
249		565		570											575	
250	Ile	Met	Thr	Val	Tyr	Asn	Ser	Ser	Phe	Lys	Pro	Ile	Gln	Met	Ala	Ser
251		580		585											590	
252	Tyr	Thr	Phe	Pro	Trp	Trp	Ser	Val	Ile	Leu	Gly	Trp	Phe	Leu	Arg	Leu
253		595		600											605	
254	Leu	Ser	Val	Leu	Ala	Ile	Pro	Val	Phe	Ala	Ile	Ile	Tyr	Leu	Leu	Ser
255		610		615											620	
256	Gly	Thr	Gly	Thr	Leu	Tyr	Glu	Arg	Phe	Arg	Trp	Ala	Ile	Thr	Pro	Gln
257	625		630		635										640	
258	Gln	Arg	Arg	Asn	Ser	Ala	Thr	Ser	Leu	Ala	Ala	Asp	Pro	Thr	Gln	Ile
259		645		650											655	

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date